

AMENDMENT TO THE SPECIFICATION

Amend the sequence of paragraphs beginning at page 1, line 17 and ending at page 2, line 6 as follows:

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The present invention provides a method of injection molding a plastic product having a base wall and a sidewall, the method comprising the steps of:

(a) shaping a mold cavity by combining a first mold part and a second mold part in opposition to one another;

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(b) injecting fluid plastic material into a base-wall section of a mold cavity; and

(b) (c) conducting said injected plastic material through at least one flow guide in the base-wall section and thence into a sidewall section of the mold cavity;

wherein step (a) comprises the step of:

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(d) shaping a portion of a given said base-wall section flow guide by partially opposing a row of recesses in the first mold part with a row of recesses in the second mold part with the recesses in the first mold part being so staggered with respect to the recesses in the second mold part as to provide a chain of overlapping recesses that form a sequence of variable-opening throttles having openings that can vary within the given flow guide whenever the alignment between the combined first and second mold parts

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varies ~~wherein step (b) comprises the step of: (c) conducting said injected plastic material through a sequence of variable-opening throttles in said at least one base-wall section flow guide, wherein the openings of said throttles can vary~~ in response to variations in the thickness of a region of the sidewall section into which injected plastic material is conducted from ~~said at least one base-wall section~~ the given flow guide so that upon an

increase in the thickness of said region the openings of said throttles in ~~said at least one base-wall-section~~ the given flow guide decrease and so that upon a decrease in the thickness of said region the openings of said throttles in the ~~said at least one base-wall-section~~ given flow guide increase.

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Amend the paragraph at page 2, lines 10-23 as follows:

The present invention also provides a mold for injection molding a plastic product having a base wall and a sidewall, comprising: mold parts for shaping a mold cavity for
10 forming the product and a gate from which fluid plastic material can be injected into a base-wall section of the mold cavity; wherein the base-wall section includes at least one flow guide for conducting said injected plastic material through the base-wall section and thence into a sidewall section of the mold cavity; and wherein the ~~at least one base-wall-section-flow guide~~ mold parts include a first mold part that includes a row of recesses and
15 a second mold part that includes a row of recesses that are partially opposed to the row of recesses in the first mold part to shape a portion of a given said base-wall section flow guide when the first and second mold parts are combined in opposition to one another with the recesses in the first mold part being so staggered with respect to the recesses in the second mold part as to provide a chain of overlapping recesses that form a sequence
20 of variable-opening throttles ~~through which said injected plastic material is so conducted,~~ wherein the openings of said throttles having openings that can vary within the given flow guide whenever the alignment between the combined first and second mold parts varies in response to variations in the thickness of a region of the sidewall section into which injected plastic material is conducted from ~~said at least one base-wall-section~~ the

given flow guide so that upon an increase in the thickness of said region the openings of said throttles in ~~said at least one base wall section~~ the given flow guide decrease and so that upon a decrease in the thickness of said region the openings of said throttles in the ~~said at least one base wall section~~ given flow guide increase.

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Amend the paragraph at page 7, lines 7-14 as follows:

The throttles 30 are ~~shaped~~ formed by an overlapping chain of recesses, which are provided by partially opposed rows of recesses 33, 34 in the respective combined core mold part 12 and adjustable cavity mold part 16, with the opposed recesses 33, 34 being so staggered along the direction of conduction 36 within a given individual base-wall-section flow guide 28 that whenever the alignment between the combined core mold part 12 and the adjustable cavity mold part 16 varies along the direction of conduction 36 for the given flow guide 28 the openings of the throttles 30 in the given flow guide 28 vary.

15 The recesses 33, 34 are circular in the approximate broad dimension of the base-wall section 22, as shown in FIG. 2. The width A of a given throttle 30 is less than the width B of the overlapping recesses 33, 34 that form the given throttle 30.

At page 9, after line 15, insert the following new paragraph:

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The width A of a given throttle 130 is less than the width B of the overlapping recesses 133, 134 that form the given throttle 130.

At page 9, after line 32, insert the following new paragraph:

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The width A of a given throttle 230 is not more than the width B of the overlapping recesses 233, 234 that form the given throttle 230.

Amend the paragraph as page 11, lines 5-16 as follows:

The throttles 64 are ~~shaped~~ formed by an overlapping chain of recesses, which are
5 provided by partially opposed rows of recesses 70, 72 in the respective combined core
mold part 12 and adjustable cavity mold part 16, with the opposed recesses 70, 72 being
so staggered along the direction of conduction 74 within a given individual radial base-
wall-section flow guide 60 that whenever the alignment between the combined core mold
part 12 and the adjustable cavity mold part 16 varies along the direction of conduction 74
10 for the given flow guide 60 the opening of the throttles 64 in the given flow guide 60
vary. The recesses 70, 72 are approximately rectangular in the approximate broad
dimension of the base-wall section 50, as shown in FIG. 10, and are disposed with
opposite sides of the rectangles aligned along the direction of conduction 74 within an
individual flow guide 60 so that the sides of the recesses 70 within the core mold part are
15 staggered with the sides of the recesses 72 within the adjustable cavity mold part to
thereby shape the openings of the variable-opening throttles 64.

AMENDMENTS TO THE DRAWING

Amend FIGS. 2, 3B, 6 and 7 to be as shown in the enclosed replacement sheets including said drawing figures.

FIGS. 2, 6 and 7 are amended by adding dimensions A and B thereto, as shown on the enclosed marked-up copies of original FIGS. 2, 6 and 7.

FIG. 3B is amended to rectify an incorrect placement of reference character 34, as shown on the enclosed marked-up copy of FIG. 3B.